

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ab: Alluvial Land-----	90	Not rated		Not rated		Not rated	
Ar: Arenzville-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
AtB: Atkinson-----	100	Not limited		Somewhat limited Depth to hard bedrock	0.64	Somewhat limited Slope	0.01
AyA: Atterberry-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Shrink-swell	0.50
		Depth to saturated zone	0.39	Shrink-swell	0.50	Depth to saturated zone	0.39
BaB: Backbone-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to hard bedrock	0.46
						Slope	0.01
BaC: Backbone-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.86
						Depth to hard bedrock	0.46
BaD: Backbone-----	100	Somewhat limited Slope	0.63	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.46	Slope	0.63	Depth to hard bedrock	0.46
BeA: Basset-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Not limited	

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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BeB: Bassett-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
BeC: Bassett-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.86
BeC2: Bassett-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.86
BlB: Bassett-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
BlC: Bassett-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.86
BnA: Bertrand-----	100	Not limited		Not limited		Not limited	
BnB: Bertrand-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
BoA: Bixby-----	100	Not limited		Not limited		Not limited	
BoB: Bixby-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
BoC2: Bixby-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
BuB: Burkhardt-----	100	Not limited		Not limited		Not limited	

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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BuC2: Burkhardt-----	100	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Very limited Slope	1.00
CaA: Calamine-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
CaB: Calamine-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 0.01
CcB: Calmar-----	100	Somewhat limited Shrink-swell Depth to hard bedrock	0.50 0.26	Very limited Depth to hard bedrock Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Somewhat limited Shrink-swell Depth to hard bedrock Slope	0.50 0.26 0.01
CcC: Calmar-----	100	Somewhat limited Shrink-swell Depth to hard bedrock Slope	0.50 0.26 0.16	Very limited Depth to hard bedrock Shrink-swell Slope Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 0.50 0.26
CdA: Camden-----	100	Not limited		Not limited		Not limited	
CdB: Camden-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
CdC: Camden-----	100	Not limited		Not limited		Somewhat limited Slope	0.86

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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Ce: Caneek-----	95	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00
Cf: Canoe-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50
ChA: Chaseburg-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
ChB: Chaseburg-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding Slope	1.00 0.01
ClB: Chelsea-----	100	Not limited		Not limited		Not limited	
ClD: Chelsea-----	100	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Very limited Slope	1.00
CmB: Clyde-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
CoB: Coggon-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
CoC2: Coggon-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.86

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cs:							
Colo-----	50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Otter-----	50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Ct:							
Colo-----	30	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Otter-----	30	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Ossian-----	20	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
DcA:							
Dickinson-----	100	Not limited		Not limited		Not limited	
DcB:							
Dickinson-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
DcC:							
Dickinson-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
DcD:							
Dickinson-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00

Building Site Development

Winneshiek County, Iowa

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DdB: Donnan-----	95	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope	1.00 0.01
De: Dorchester-----	95	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.61	Very limited Flooding	1.00
DgB: Dorchester-----	60	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.61	Very limited Flooding Slope	1.00 0.01
Chaseburg-----	20	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding Slope	1.00 0.01
Volney-----	15	Very limited Flooding Content of large stones	1.00 0.27	Very limited Flooding Content of large stones	1.00 0.27	Very limited Flooding Content of large stones Slope	1.00 0.27 0.01
DhE3: Dow-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
DoA: Downs-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
DoB: Downs-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
DoC: Downs-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50

Building Site Development

Winneshiek County, Iowa

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DoD: Downs-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
DoE2: Downs-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
DoF2: Downs-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
DtB: Downs-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
Tama-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
DtC: Downs-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
Tama-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
DtC2: Downs-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
Tama-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
DtD2: Downs-----	50	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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Tama-----	50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
DuC2: Dubuque-----	100	Somewhat limited Depth to hard bedrock	0.84	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.86
		Shrink-swell	0.50	Shrink-swell	0.50	Depth to hard bedrock	0.84
						Shrink-swell	0.50
DuD2: Dubuque-----	100	Somewhat limited Depth to hard bedrock	0.84	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Slope	0.63	Slope	0.63	Depth to hard bedrock	0.84
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
DuD3: Dubuque-----	100	Somewhat limited Depth to hard bedrock	0.84	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Slope	0.63	Slope	0.63	Depth to hard bedrock	0.84
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
DuE2: Dubuque-----	100	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.84	Slope	1.00	Depth to hard bedrock	0.84
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
DuE3: Dubuque-----	100	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.84	Slope	1.00	Depth to hard bedrock	0.84
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

Building Site Development

Winneshiek County, Iowa

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DuF2: Dubuque-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.84	Depth to hard bedrock	1.00	Depth to hard bedrock	0.84
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
FaA: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
FaB: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
						Slope	0.01
FaC2: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope	0.86
						Shrink-swell	0.50
FaC3: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope	0.86
						Shrink-swell	0.50
FaD2: Fayette-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
FaD3: Fayette-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
FaE2: Fayette-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
FaE3: Fayette-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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FaF2: Fayette-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
FaF3: Fayette-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
FaG: Fayette-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
FeA: Festina-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
FeB: Festina-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
FlB: Floyd-----	95	Not limited		Very limited Depth to saturated zone	0.95	Not limited	
FmB: Floyd-----	50	Not limited		Very limited Depth to saturated zone	0.95	Not limited	
Clyde-----	30	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
FnB: Franklin Variant----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39

Building Site Development

Winneshiek County, Iowa

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FrC: Frankville-----	100	Somewhat limited Shrink-swell	0.50	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.86
		Depth to hard bedrock	0.46	Shrink-swell	0.50	Shrink-swell	0.50
						Depth to hard bedrock	0.46
FrD2: Frankville-----	100	Somewhat limited Slope	0.63	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Slope	0.63	Shrink-swell	0.50
		Depth to hard bedrock	0.46	Shrink-swell	0.50	Depth to hard bedrock	0.46
FrE2: Frankville-----	100	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Slope	1.00	Shrink-swell	0.50
		Depth to hard bedrock	0.46	Shrink-swell	0.50	Depth to hard bedrock	0.46
HaA: Hagener-----	100	Not limited		Not limited		Not limited	
HaB: Hagener-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
HaD: Hagener-----	100	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Very limited Slope	1.00
HdA: Hayfield-----	95	Not limited		Somewhat limited Depth to saturated zone	0.73	Not limited	
HmA: Hayfield-----	95	Not limited		Somewhat limited Depth to saturated zone	0.73	Not limited	

Building Site Development

Winneshiek County, Iowa

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HuA: Huntsville-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50
HuB: Huntsville-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell Slope	1.00 0.50 0.01
JaA: Jacwin-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50
JaB: Jacwin-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
JaC: Jacwin-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
JaD: Jacwin-----	95	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Depth to saturated zone Slope Shrink-swell	0.95 0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
KaA: Kato-----	95	Not limited		Very limited Depth to saturated zone	0.95	Not limited	
KdA: Kato-----	95	Not limited		Very limited Depth to saturated zone	0.95	Not limited	

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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KsB: Kato-----	95	Not limited		Very limited Depth to saturated zone	0.95	Somewhat limited Slope	0.01
KsC: Kato-----	95	Not limited		Very limited Depth to saturated zone	0.95	Somewhat limited Slope	0.86
KyB: Kenyon-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
LaB: Lamont-----	100	Not limited		Not limited		Not limited	
LaC: Lamont-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
LaD: Lamont-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
LdB: Lamont Variant-----	100	Not limited		Not limited		Somewhat limited Slope	0.48
LkA: Kennebec-----	45	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Lawson-----	45	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 0.39

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
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LmB: Lawson-----	95	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 0.39
LnE: Loamy Colluvial Land	100	Not rated		Not rated		Not rated	
LnF: Loamy Colluvial Land	100	Not rated		Not rated		Not rated	
LoF: Loamy Terrace Escarp	100	Not rated		Not rated		Not rated	
MaB: Marlean-----	100	Somewhat limited Content of large stones	0.01	Somewhat limited Content of large stones	0.01	Somewhat limited Content of large stones Slope	0.01 0.01
MaC: Marlean-----	100	Somewhat limited Content of large stones	0.01	Somewhat limited Content of large stones	0.01	Somewhat limited Slope Content of large stones	0.86 0.01
MaC2: Marlean-----	100	Somewhat limited Content of large stones	0.01	Somewhat limited Content of large stones	0.01	Somewhat limited Slope Content of large stones	0.86 0.01
MaD2: Marlean-----	100	Somewhat limited Slope Content of large stones	0.63 0.01	Somewhat limited Slope Content of large stones	0.63 0.01	Very limited Slope Content of large stones	1.00 0.01

Building Site Development

Winneshiek County, Iowa

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MaD3: Marlean-----	100	Somewhat limited Slope Content of large stones	0.63 0.01	Somewhat limited Slope Content of large stones	0.63 0.01	Very limited Slope Content of large stones	1.00 0.01
MaE2: Marlean-----	100	Very limited Slope Content of large stones	1.00 0.01	Very limited Slope Content of large stones	1.00 0.01	Very limited Slope Content of large stones	1.00 0.01
MaE3: Marlean-----	100	Very limited Slope Content of large stones	1.00 0.01	Very limited Slope Content of large stones	1.00 0.01	Very limited Slope Content of large stones	1.00 0.01
NaC2: Nasset-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to hard bedrock	0.50 0.42	Somewhat limited Slope Shrink-swell	0.86 0.50
NaD2: Nasset-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to hard bedrock	0.63 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50
NaE2: Nasset-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50
NoD: Nordness-----	100	Very limited Depth to hard bedrock Slope	1.00 0.16	Very limited Depth to hard bedrock Slope	1.00 0.16	Very limited Depth to hard bedrock Slope	1.00 1.00

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NoE: Nordness-----	100	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
OrA: Oran-----	95	Not limited		Very limited Depth to saturated zone	0.95	Not limited	
OrB: Oran-----	95	Not limited		Very limited Depth to saturated zone	0.95	Somewhat limited Slope	0.01
OsB: Orwood-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
OsC2: Orwood-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
OsD2: Orwood-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
OsE2: Orwood-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
OsE3: Orwood-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
OsF2: Orwood-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ot:							
Ossian-----	100	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
OuA:							
Ostrander-----	100	Not limited		Not limited		Not limited	
OuB:							
Ostrander-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
OuC:							
Ostrander-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
OvB:							
Lawson-----	30	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
		Shrink-swell		Shrink-swell	0.50		
Otter-----	30	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Ossian-----	20	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Ow:							
Otter-----	50	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Ossian-----	30	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ox:							
Ossian-----	50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Otter-----	50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
PaC2:							
Palsgrove-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to hard bedrock	0.50 0.42	Somewhat limited Slope Shrink-swell	0.86 0.50
PaD2:							
Palsgrove-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to hard bedrock	0.63 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50
PaD3:							
Palsgrove-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to hard bedrock	0.63 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50
PaE2:							
Palsgrove-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50
PaE3:							
Palsgrove-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PaF2: Palsgrove-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 0.50 0.42	Very limited Slope Shrink-swell	1.00 0.50
Pk: Peaty Muck-----	95	Not rated		Not rated		Not rated	
Pw: Peaty Muck-----	95	Not rated		Not rated		Not rated	
RaA: Racine-----	100	Not limited		Not limited		Not limited	
RaB: Racine-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
RaC: Racine-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
RaC2: Racine-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
Rad2: Racine-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
ReB: Renova-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
ReC: Renova-----	100	Not limited		Not limited		Somewhat limited Slope	0.86

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ReC2: Renova-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
ReD2: Renova-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
ReD3: Renova-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
ReE2: Renova-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
ReE3: Renova-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
RfB: Riceville-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.61 0.50	Somewhat limited Shrink-swell Slope	0.50 0.12
RkA: Rockton-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to hard bedrock	0.46
RkB: Rockton-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to hard bedrock Slope	0.46 0.01
RkC: Rockton-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope Depth to hard bedrock	0.86 0.46

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RkD: Rockton-----	100	Somewhat limited Slope	0.63	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.46	Slope	0.63	Depth to hard bedrock	0.46
RoA: Rowley-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Rw: Lawson-----	50	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
				Shrink-swell	0.50		
Rowley-----	45	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
SbA: Sattre-----	100	Not limited		Not limited		Not limited	
SbB: Sattre-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
SbC2: Sattre-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
SdA: Sattre-----	100	Not limited		Not limited		Not limited	
SdB: Sattre-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
SdC2: Sattre-----	100	Not limited		Not limited		Somewhat limited Slope	0.86

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SdD2: Sattre-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Sp: Spillville-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Sr: Steep Rock Land-----	100	Not rated		Not rated		Not rated	
SsF: Steep Sandy Land----	100	Not rated		Not rated		Not rated	
TeA: Terril-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Not limited	
TeB: Terril-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
TgA: Turlin-----	95	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.61	Very limited Flooding	1.00
TgB: Turlin-----	95	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.61	Very limited Flooding Slope	1.00 0.01

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VcA: Volney-----	95	Very limited Flooding Content of large stones	1.00 0.27	Very limited Flooding Content of large stones	1.00 0.27	Very limited Flooding Content of large stones	1.00 0.27
VcB: Volney-----	95	Very limited Flooding Content of large stones	1.00 0.27	Very limited Flooding Content of large stones	1.00 0.27	Very limited Flooding Content of large stones Slope	1.00 0.27 0.01
VoA: Volney-----	95	Very limited Flooding Content of large stones	1.00 0.01	Very limited Flooding Content of large stones	1.00 0.01	Very limited Flooding Content of large stones	1.00 0.01
VoB: Volney-----	95	Very limited Flooding Content of large stones	1.00 0.01	Very limited Flooding Content of large stones	1.00 0.01	Very limited Flooding Content of large stones Slope	1.00 0.01 0.01
WcA: Waucoma-----	100	Not limited		Somewhat limited Depth to hard bedrock	0.42	Not limited	
WcB: Waucoma-----	100	Not limited		Somewhat limited Depth to hard bedrock	0.42	Somewhat limited Slope	0.01
WcC: Waucoma-----	100	Not limited		Somewhat limited Depth to hard bedrock	0.42	Somewhat limited Slope	0.86
WcD: Waucoma-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope Depth to hard bedrock	0.63 0.42	Very limited Slope	1.00

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WdA: Waukegan-----	100	Not limited		Not limited		Not limited	
WdB: Waukegan-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
WgA: Waukegan-----	100	Not limited		Not limited		Not limited	
WgB: Waukegan-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
WhB: Whalan-----	100	Very limited Shrink-swell Depth to hard bedrock	1.00 0.84	Very limited Shrink-swell Depth to hard bedrock	1.00 1.00	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 0.84 0.01
WhC2: Whalan-----	100	Very limited Shrink-swell Depth to hard bedrock	1.00 0.84	Very limited Shrink-swell Depth to hard bedrock	1.00 1.00	Very limited Shrink-swell Slope Depth to hard bedrock	1.00 0.86 0.84
WhD2: Whalan-----	100	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 0.84 0.63	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 0.84
WhE2: Whalan-----	100	Very limited Shrink-swell Slope Depth to hard bedrock	1.00 1.00 0.84	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 0.84

Building Site Development

Winneshiek County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WhE3: Whalan-----	100	Very limited Shrink-swell Slope Depth to hard bedrock	1.00 1.00 0.84	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 1.00 0.84
WkA: Winneshiek-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to hard bedrock	0.46
WkB: Winneshiek-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to hard bedrock Slope	0.46 0.01
WkC: Winneshiek-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope Depth to hard bedrock	0.86 0.46
WkC2: Winneshiek-----	100	Somewhat limited Depth to hard bedrock	0.46	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope Depth to hard bedrock	0.86 0.46
WkD: Winneshiek-----	100	Somewhat limited Slope Depth to hard bedrock	0.63 0.46	Very limited Depth to hard bedrock Slope	1.00 0.63	Very limited Slope Depth to hard bedrock	1.00 0.46
WkE: Winneshiek-----	100	Very limited Slope Depth to hard bedrock	1.00 0.46	Very limited Depth to hard bedrock Slope	1.00 1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 0.46